

VACANCY: PRODUCT INDUSTRIALIZATION ENGINEER

Job category	Engineering
Employment	Fulltime
Location	Eindhoven, NL
Industry	High Tech, Engineering, Medical & health

Preceyes B.V. is a Dutch medical robotics company focused on ocular surgery. We develop, build and commercialize innovative robotic solutions to assist eye surgeons in performing the most demanding surgical tasks. Our first target are vitreoretinal diseases, which are the number 1 cause of visual impairment in developed economies. Our award-winning PRECEYES Surgical System enables the development of new, high-precision treatments and broadens access to the most delicate surgical treatments.

We are looking for a product industrialization engineer to strengthen our team. Your tasks and responsibilities include;

- Developing and improving the product design and production processes. This product industrialization is performed in multidisciplinary teams ensuring the best transition from development to manufacturing.
 - Improve usability by reviewing the human interface devices.
 - Improve manufacturability by translating the design to a cost-efficient producing model; reduce and simplify mechanical parts, increase modularity and similarity, reduce electronics complexity by implementing more local signal processing
 - Improve reliability using a design failure mode effect analysis, identify critical components, wear and damage analysis
 - Improve serviceability, easy access of parts, diagnostic software, test equipment, etc.
 - Production processes are made more predictable, reliable, stable and efficient.
- (Preferred) Experience in optical engineering is welcome, since we are developing a distance sensing instrument based on Optical Coherence Tomography
- (Preferred) Experience in surgical instrumentation design or in other fine mechanics is welcome, since the range of robot instrumentation is constantly under development

Eligibility criteria

- Any nationality
- A Master of Science degree in engineering
- Preferred experience in a production and/or service environment with high tech products and complex production processes
- Creating documentation and training's with attention to the details
- Able to communicate in English and preferably also in Dutch, spoken and written.
- Availability on a short term, at the latest December 2020
- Efficient, practical, solution-oriented and result-driven while dealing with deadlines and milestones
- An independent attitude whilst being an excellent team player
- Passion for work and flexibility in your working environment

We offer a challenging job with high responsibility and room for initiative in a dynamic start-up environment. Opportunities for development both on a personal and a skills level. An employment of 1.0 FTE (40 hours per week) and a competitive salary. Location Eindhoven.

For questions about the job or applications, please contact Maarten Beelen, CTO Preceyes, on +31646603376 / maartenbeelen@preceyes.nl

Preceyes, October 2020